

**GOVERNMENT OF INDIA
NON-CONVENTIONAL ENERGY SOURCES
LOK SABHA**

UNSTARRED QUESTION NO:2690
ANSWERED ON:05.12.2002
POWER GENERATED FROM NCES
RAMDAS ATHAWALE

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

- (a) the quantum of power being generated from the non - conventional energy sources, State-wise;
- (b) whether the Government have identified more potential of power generation from non-conventional energy sources especially in tribal areas;
- (c) if so, the details thereof, project - wise; and
- (d) the progress made so far in this regard?

Answer

MINISTER OF STATE FOR NON-CONVENTIONAL ENERGY SOURCES (SHRI M. KANNAPPAN)

(a): About 3640 MW of power is being generated from wind, small hydro, biomass, co-generation and waste-to-energy projects in different parts of the country. The State -wise break-up is given in Annexure-I.

(b),(c)&(d): The power generation potential, including the tribal areas, and progress made so far in regard to various non-conventional energy sources, is given in Annexure - II.

In addition, solar photovoltaic systems and biomass gasifier systems of 111 MW capacity have also been installed for decentralized applications, particularly in rural, remote and tribal areas.

ANNEXURE-I

ANNEXURE REFERRED TO IN REPLY TO PART (a) OF THE LOK SABHA UNSTARRED QUESTION NO.2690 FOR 5.12.2002 REGARDING POWER GENERATED FROM NCES

STATEWISE INSTALLED CAPACITY FROM RENEWABLE ENERGY POWER PROJECTS AS ON 31ST OCTOBER 2002 IN MW

Sl.No. State/UT Total (MW) (As on 31.10.2002)

1	Andhra Pradesh	381.31
2	Arunachal Pradesh	32.37
3	Assam	2.00
4	Bihar	44.90
5	Chhattisgarh	11.20
6	Gujarat	176.85
7	Haryana	52.30
8	Himachal Pradesh	93.24
9	Jammu & Kashmir	102.24
10	Jharkhand	4.05
11	Karnataka	363.48
12	Kerala	71.52
13	Madhya Pradesh	64.28
14	Maharashtra	631.93
15	Manipur	4.70
16	Meghalaya	30.71
17	Mizoram	14.76
18	Nagaland	19.87
19	Orissa	7.30
20	Punjab	125.95
21	Rajasthan	48.95
22	Sikkim	32.60
23	Tamil Nadu	1075.63
24	Tripura	16.01
25	Uttar Pradesh	69.00

26	Uttaranchal	61.75
27	West Bengal	90.38
28	Andaman & Nicobar	5.25
29	Others	1.65

Total	3636.18
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ANNEXURE-II

ANNEXURE REFERRED TO IN REPLY TO PARTS (b) (c)& (d) OF THE LOK SABHA UNSTARRED QUESTION NO.269(5.12.2002 REGARDING POWER GENERATED FROM NCES

POTENTIAL FOR POWER GENERATION FROM RENEWABLES AND INSTALLED CAPACITY AS ON 31ST OCTOBER 2002

S. No.	Source	Potential (MW)	Installed Capacity (MW)
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1.	Wind Power	45,000	1702.3
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2.	Small Hydro	15,000	1461.4
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3.	Biomass/ Co-generation	19,500	449.9
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4.	Waste to Energy	1,700	22.5
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5.	Solar	20 MW/sq. km	2.3
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